

METHOD AND APPARATUS FOR ISOLATING A BASE TRANSCEIVER STATION
IN A WIRELESS COMMUNICATION SYSTEM

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Abstract of the Disclosure

A subscriber unit (104) is gracefully migrated from a selected base transceiver station (108) to an alternate base transceiver station (108) by attenuating the communication signals transmitted by the selected base transceiver station (108). A subscriber unit (104) communicatively coupled to the selected base transceiver station (108) compares the attenuated communication signal strength to communications signals generated by alternate base transceiver stations (108) until an alternative communication signal having greater signal strength is identified. The subscriber unit (104) then migrates to the base transceiver station (108) transmitting the alternative communication signal. The rate of active data packet transmissions to a subscriber unit (104) is increased by using all available traffic channels to transmit data packet. A message is transmitted to a subscriber unit (104) attempting to establish communicative coupling with the selected base transceiver station (108) to delay attempts to initiate a communicative coupling with the wireless communication network (102).

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